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Appl. No. 09/990,355

Reply to Office action of August 22, 2005

Amendments to the Claims

The listing of claims will replace all prior version, and listings of claims in the application.

Listing of Claims:

Claim 1 (Previously presented) An image processing system comprising:
image-transmitting means for generating and transmitting a first image signal;
electromagnetic induction means for generating and transmitting a second image signal;

image processing means for receiving said first image signal and said second image signal to control and perform a mixing mode and to generate a showing signal;
storage means for accessing image data into said image processing means; and
display means for receiving said showing signal to display image.

Claim 2 (Previously presented) The image processing system according to claim 1, wherein said image-transmitting means receives said first image signal by transduction of optical radiation of an image data.

Claim 3 (Previously presented) The image processing system according to claim 1, wherein said image-transmitting means receives said first image signal by way of using communication.

Claim 4 (Original) The image processing system according to claim 1, wherein said electromagnetic induction means receives electromagnetic wave signal by way of using electromagnetic induction.

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Claim 5 (Original) The image processing system according to claim 1, wherein said second image signal comprises an absolute coordinate in order to show the position of the image.

Claim 6 (Original) The image processing system according to claim 1, wherein said second image signal comprises a pressure value in order to show the size of the image.

Claims 7 - 10 (Cancelled).

Claim 11 (Previously presented) A motionless-image processing system comprising:

an image sensing sub-circuit, said image sensing sub-circuit can catch image by transduction of optical radiation of the image data to generate a first image signal;

an image transmitting sub-circuit that is coupled with the external computer to communicate said image data;

an electromagnetic induction sub-circuit having a first processor and a second processor, said electromagnetic induction sub-circuit for receiving the electromagnetic wave signal and generating a second image signal;

an image processing sub-circuit that is coupled with said image sensing sub-circuit to receive said first image signal, and said image processing sub-circuit is coupled with said transmitting sub-circuit to communicate said image data, and said image processing sub-circuit is coupled with said electromagnetic induction sub-circuit to receive said second image signal, wherein said image processing sub-circuit can control to switch all sub-circuits of said motionless-image processing system, and said second processor of said image processing sub-circuit can perform an image mixing function to form a mixed image with specific serial number according to said first image signal and said second image signal to generate an image

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showing signal according to said first image signal and said second image signal;
a displaying sub-circuit that is coupled with said image processing sub-circuit to receive said image showing signal and show image; and
a storage sub-circuit that is coupled with said image processing sub-circuit to access various image data.

Claim 12 (Original) The motionless-image processing system according to claim 11, wherein said image sensing sub-circuit comprises an image sensor.

Claim 13 (Original) The motionless-image processing system according to claim 12, wherein said image sensor comprises a digital camera.

Claim 14 (Original) The motionless-image processing system according to claim 11, wherein said image transmitting sub-circuit comprises a serial interface.

Claim 15 (Original) The motionless-image processing system according to claim 14, wherein said serial interface comprises an universal serial bus.

Claim 16 (Original) The motionless-image processing system according to claim 14, wherein said serial interface comprises a recommended standard-232.

Claim 17 (Original) The motionless-image processing system according to claim 11, wherein said electromagnetic induction sub-circuit comprises a tablet.

Claim 18 (Cancelled).

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Claim 19 (Previously presented) The motionless-image processing system according to claim 11, wherein said first processor comprises a locus-detecting step to generate a plurality of locus data according to the electromagnetic wave signal.

Claim 20 (Original) The motionless-image processing system according to claim 19, wherein said plurality of locus data comprise a type of data as (X_i , Y_i , W), wherein " X_i " and " Y_i " indicates the position of coordinates, and " W " indicates the size of locus's diameter.

Claim 21 (Previously presented) The motionless-image processing system according to claim 11, wherein said first processor comprises a locus-depicting step to draw a plurality of drops with specific color.

Claim 22 (Original) The motionless-image processing system according to claim 21, wherein said plurality of drops can be drew by way of using a plurality of locus data (X_i , Y_i) as a plurality of circle centers and $W/2$ as radius thereof.

Claims 23 - 28 (Cancelled).

Claim 29 (Original) The motionless-image processing system according to claim 11, wherein said displaying sub-circuit comprises a liquid crystal display.

Claims 30 - 46 (Cancelled).

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Claim 47 (Previously presented) A digital photo-album with handwriting inputting function, said digital photo-album comprising:

an image-sensor that can catch an image by transduction of optical radiation of the image data;

an image signal sub-circuit that is coupled with said image-sensor to receive said image and generate a first image signal;

a first microprocessor that is coupled with said image signal sub-circuit to receive said first image signal;

said first microprocessor is coupled with a plurality of mode buttons to select specific modes, a plurality of switches to start specific functions, and a transmitting interface to communicate the external computer;

a display driving sub-circuit that is coupled with said first microprocessor to receive a displaying signal;

a liquid crystal display that is coupled with said display driving sub-circuit to show various images;

an inverter sub-circuit that is coupled with said microprocessor to receive an adjusting signal, so as to generate a specific voltage;

a back-lighted module that is coupled with said inverter sub-circuit to receive said specific voltage;

an antenna loop that can receive an electromagnetic wave signal by electromagnetic induction; and

an electromagnetic-inducting sub-circuit with a second microprocessor that is coupled with said antenna loop to receive said electromagnetic wave signal, so as to generate a second image signal, wherein said electromagnetic-inducting sub-circuit is coupled with said first microprocessor to transmit said second digital signal, and said first microprocessor can form a mixed-image according to said first image signal and said second image signal; and

a peripheral apparatus that can emit electromagnetic wave signal by way of

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electromagnetic induction, said peripheral apparatus can input image above said liquid crystal display.

Claim 48 (Cancelled).

Claim 49 (Previously presented) The digital photo-album according to claim 47, wherein said plurality of mode buttons comprise a broadcast mode button.

Claim 50 (Previously presented) The digital photo-album according to claim 47, wherein said plurality of mode buttons comprise a deleting mode button.

Claim 51 (Cancelled).

Claim 52 (Previously presented) The digital photo-album according to claim 47, wherein said plurality of switches comprise a first switch to control to switch said antenna loop and said electromagnetic-inducting sub-circuit.

Claim 53 (Previously presented) The digital photo-album according to claim 47, wherein said plurality of switches comprise a second switch to control image variation.

Claim 54 (Previously presented) The digital photo-album according to claim 47, wherein said plurality of switches comprise a third switch to control to change page of the image.

Claim 55 (Previously presented) The digital photo-album according to claim 47, wherein said plurality of switches comprise a fourth switch to control to switch said image-sensor.

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Claim 56 (Cancelled).

Claim 57 (Previously presented) The digital photo-album according to claim 47, wherein said transmitting interface comprises an universal serial bus.

Claim 58 (Previously presented) The digital photo-album according to claim 47, wherein said transmitting interface comprises a recommended standard-232.

Claim 59 (Original) The digital photo-album according to claim 47, wherein said first microprocessor is coupled with a stored device.

Claim 60 (Original) The digital photo-album according to claim 59, wherein said stored device is coupled with said microprocessor via an accessing interface, so that said microprocessor accesses various image data.

Claim 61 (Original) The digital photo-album according to claim 47, wherein said display driving sub-circuit is coupled with a adjusting button to adjust the pictures shown on said liquid crystal display.

Claim 62 (Original) The digital photo-album according to claim 47, wherein said back-lighted module is located under said liquid crystal display.

Claim 63 (Original) The digital photo-album according to claim 47, wherein said antenna loop is located under said back-lighted module.

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Claim 64 (Original) The digital photo-album according to claim 47, wherein said electromagnetic-inducting sub-circuit comprises:

an amplifier that is coupled with said antenna loop;

a band pass filter that is coupled with said amplifier to generate a signal with a specific frequency;

a shaping sub-circuit that is coupled with said band pass filter to receive said signal with said specific frequency and generate a clock signal, wherein said second microprocessor is coupled with said shaping sub-circuit to receive said clock signal and calculate a pressure value;

a rectifier that is coupled with said band pass filter to receive said signal with said specific frequency and generate a direct signal;

a peak detector that is coupled with said rectifier to detect the peak of said direct signal; and

an Analogy/Digital converter that is coupled with said peak detector to receive the peak and transform the peak into a digital signal, wherein said second microprocessor is coupled with said Analogy/Digital converter to receive said digital signal and calculate an absolute coordinate;

Claim 65 (Original) The digital photo-album according to claim 64, wherein said second image signal is generated according to said pressure value and said absolute coordinate by said second microprocessor.

Claim 66 (Original) The digital photo-album according to claim 47, wherein said second microprocessor is coupled with said first microprocessor to transmit said second image signal.

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Claim 67 (Original) The digital photo-album according to claim 47, wherein said second microprocessor is coupled with said antenna loop to control to scan position.

Claim 68 (Original) The digital photo-album according to claim 47, wherein said peripheral apparatus comprises a cordless pen.